

Serial No.: 10/609,471  
Docket No.: 28951.3123/C1

IN THE CLAIMS:

Claims 1-10 (Cancelled).

11. (Currently Amended) A method of transmitting data from an appliance connected to a first network among a plurality of networks in a home bus system comprising electric household appliances, the method comprising:

transmitting all data for a network other than the first network only to a particular router which is one router among a plurality of routers connected to the first network.

12. (Currently Amended) An appliance connected to a first network among a plurality of networks in a home bus system comprising electric household appliances, the appliance comprising:

means for stipulating a particular router among a plurality of routers connected to the first network; and

means for transmitting all data for a network other than the first network to the particular router.

13. (Currently Amended) A method of transmitting data from an appliance connected to a first network in a home bus system comprising electric household appliances among a plurality of networks, the method comprising:

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transmitting data for a network other than the first network only to a particular router which is one router among a plurality of routers connected to the first network, wherein, the data comprises identification information of the particular router as address information within the first network.

14. (Currently Amended) The method of transmitting data according to Claim 13, wherein:

the data further comprises transmitter identification information comprising identification information of a network of the appliance and identification information of the appliance, and receiver identification information of the appliance, and receiver identification information comprising identification information of a network of a ~~transmitting~~ receiving end appliance and identification information of the ~~transmitting~~ receiving end appliance; and

the transmitter identification information and the receiver identification information are provided in a data region of the data.

15. (Currently Amended) An appliance connected to a first network among a plurality of networks in a home bus system comprising electric household appliances, the appliance comprising:

means for transmitting data for a network other than the first network only to a particular router which is one router among a plurality of routers connected to the first network, wherein

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the data comprises identification information of the particular router as address information within the first network.

16. (Currently Amended) The appliance according to Claim 15, wherein:

the data further comprises transmitter identification information comprising identification information of a network of the appliance and identification information of the appliance, and receiver identification information comprising identification information of a network of a ~~transmitting~~ receiving end appliance and identification information of the ~~transmitting~~ receiving end appliance; and

the transmitter identification information and the receiver identification information are provided in a data region of the data.

17. (Currently Amended) A method of transmitting data from a first appliance connected to a first network among a plurality of networks in a home bus system comprising electric household appliances, -the first appliance having identification information indicating the first network, the method comprising:

stipulating a particular router among a plurality of routers connected to the first network;  
and

transmitting data for a second appliance having identification information indicating a network different from the first network only to the particular router.

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18. (Currently Amended) The method of transmitting data according to Claim 17, further comprising:

transmitting data for a third appliance having identification information indicating a network which is the same as the first network directly to the third appliance.

19. (Currently Amended) An appliance connected to a first network among a plurality of networks in a home bus system comprising electric household appliances, the appliance comprising:

means for holding identification information of the first network;

means for stipulating a ~~plurality of~~ router among a plurality of routers connected to the first network; and

means for transmitting data for a second appliance having identification information indicating a network different from the first network only to the particular router.

20. (Currently Amended) The appliance according to Claim 19, further comprising:

means for transmitting data for a third appliance having identification information indicating a network which is the same as the first network directly to the third appliance.